

Patent claims

1. Non-dusting homogeneous pigment preparation,
characterized in that it comprises
- 5
- $\geq 40\%$ by weight of one or more effect pigments,
 - 0.5 - 59.5% by weight of a styrene-modified polyacrylate having an acid
 - 10 number >90 mg KOH/g,
 - 0.5 - 50% by weight of water and/or an organic solvent or solvent mixture,
 - 0 - 10% by weight of a neutralizing agent, and
 - 0 - 10% by weight of a modifying agent.
- 15
2. Non-dusting homogeneous pigment preparation according to Claim 1, characterized in that the effect pigment is a pearl lustre pigment and/or an SiO_2 flake coated with one or more metal oxides.
- 20
3. Non-dusting homogeneous pigment preparation according to Claim 2, characterized in that the pearl lustre pigment is a TiO_2 /mica or Fe_2O_3 mica pigment.
- 25
4. Non-dusting homogeneous pigment preparation according to Claim 2, characterized in that the SiO_2 flake is coated with TiO_2 and/or Fe_2O_3 .
- 30
5. Non-dusting homogeneous pigment preparation according to one of Claims 1 to 4, characterized in that the polyacrylate resin is an α -methylstyrene-modified polyacrylate.
- 35
6. Non-dusting homogeneous pigment preparation according to one of Claims 1 to 5, characterized in that it comprises, as additional components, defoamers, surface-active substances, wetting

- 22 -

agents, anti-settling agents, levelling agents, siccatives and/or thixotropic agents.

- 5 7. Use of the pigment preparation according to Claim 1 to produce dry preparations, such as granules, briquettes and pellets.
- 10 8. Dry preparations produced from the non-dusting homogeneous pigment preparation according to one of Claims 1 to 7 by shaping the dry preparations by tabletting, briquetting, pelletizing, fluidized-bed granulation, granulation, spray-granulation or extrusion and freeing the dry preparations, if appropriate, from the solvent.
- 15 9. Use of the dry preparations according to Claim 8 in formulations such as paint, varnishes, printing inks, plastics, automotive finishes and powder coating materials.